Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 25 Jul 2021 until 23:59 on Monday 26 Jul 2021

Forecast Issued on Sunday 25 Jul 2021 at 04:00

Confidence: High for mostly fine conditions on Sunday and transition to more changeable weather from Monday. Medium for persistence of low cloud on Monday morning and risk of heavy, thundery showers from Monday onwards.

Headline for Sunday 25 Jul 2021: Rather cloudy in the east, brighter in the west.

Mountain weather hazards on Sunday 25 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	10%	10%	10%	10%	10%

Forecast for Sunday 25 Jul 2021

Weather: A mostly cloudy start to Sunday daytime, extensively so in the east. Increasingly bright or sunny intervals developing by mid to late morning with more frequent sunny spells through the afternoon, especially in the west. Remaining dry along with partly cloudy skies into the evening.

Chance of cloud free mountain/hill tops above 600m: 90% in the west, 70-80% in the east initially, but rapidly improving to 95% or more from mid-morning.

Visibility: Patchy cloud bases 600-700m overnight and early morning. Very good visibilities outside of any cloud. Cloud above summits from mid-morning, with distant hills easily recognisable.

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Forecast for Sunday 25 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 NE	12/17 NE	9/14 NE	10/15 NE	9/13 NE	8/10 NE	6/7 NE
300	7/13 NE	9/14 NE	8/12 NE	8/12 NE	8/12 NE	5/9 E	4/6 E
Valley	7/17 NE	7/13 NE	7/11 NE	7/12 N	6/12 NE	4/9 NE	2/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	13/11	16/14	17/15	17/15	14/13	14/13
300	14/13	16/15	19/18	20/19	20/19	17/17	16/16
Valley	15/14	18/17	20/19	22/21	21/20	18/18	15/15
Freezing Level*	2900m	2800m	2800m	2800m	2800m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine developing by the afternoon with moderate to high UV levels and warm temperatures. Sun protection and plenty of water is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 25 Jul 2021	9.8mm	9.8mm	9.8mm

Forecast for Monday 26 Jul 2021

Weather: Dry overnight with patches of low cloud developing. Good sunny spells during Monday, but a risk of heavy, thundery downpours into the afternoon and evening. Feeling warm.

Maximum wind: Westerly 15 mph, gusting 25 mph.

Chance of cloud free mountain/hill tops above 600m: Greater than 95% initially, but becoming 40% overnight. Improving to greater than 95% again by mid-morning. Reducing to 70% in heavier showers during the daytime and evening.

Visibility: Occasional cloud to 400-500m developing overnight and persisting through the early morning. Rather hazy beneath the cloud base. Distant hills becoming more easily visible by late morning and through the remainder of the day, but cloud bases perhaps temporarily lowering to 500-700m in daytime and evening showers.

Temperature: **Valleys:** Plus 15 becoming Plus 24 degrees Celsius.
At 600m: Plus 11 becoming Plus 18 degrees Celsius.
Freezing level: Above summits.

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